

CHEMICO-BIOLOGICAL INTERACTIONS

SUBJECT INDEX

VOLUME 83 (1992)

-
- Ah* receptor, 4S carcinogen binding protein, enzyme induction, benzo[e] pyrene, 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, cytochromes *P*-450, 203
- Aldehyde dehydrogenase, induction, mouse, Hepa-1, cell line, hepatoma, 107
- Aldehydes, lipid peroxidation, hemoglobin adducts, 55
- Anti-carcinogenesis, indole-3-carbinol, *P*450, steroid hydroxylase, 155
- Antioxidant, stobadine, lipid peroxidation, α -tocopherol, 85
- Antitumor antibiotic, chromomycin *A*₃, magnesium ion, stoichiometry, circular dichroism, fluorescence, kinetics, 23
- Aryl hydrocarbon hydroxylase, flavonoids, benzo[a]pyrene, DNA binding, epoxide hydrolase, rat, 65
- Benzo[a]pyrene, flavonoids, DNA binding, aryl hydrocarbon hydroxylase, epoxide hydrolase, rat, 65
- Benzo[a]pyrene, rats, indole-3-carbinol, DNA binding, 235
- Benzo[e] pyrene, 4S carcinogen binding protein, *Ah* receptor, enzyme induction, 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, cytochromes *P*-450, 203
- Cadmium, metallothionein, spheroids, induction, tumor microenvironment, 171
- Cell line, aldehyde dehydrogenase, induction, mouse, Hepa-1, hepatoma, 107
- Chromomycin *A*₃, antitumor antibiotic, magnesium ion, stoichiometry, circular dichroism, fluorescence, kinetics, 23
- Circular dichroism, antitumor antibiotic, chromomycin *A*₃, magnesium ion, stoichiometry, fluorescence, kinetics, 23
- Clara cell, trichloroethylene, metabolism, mouse lung, 135
- Cytochrome 450IIE1, nitrosamines, *N*-nitroso-*N*-methylaniline, hepatocyte, cytotoxicity, 221
- Cytochrome *P*450, 2,3,5,6-tetramethylbenzoquinone, reductase activity, oxidase activity, quinone reduction, oxygen reduction, 249
- Cytochromes *P*-450, 4S carcinogen binding protein, *Ah* receptor, enzyme induction, benzo[e] pyrene, 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, 203
- Cytotoxicity, glutathione depletion, DNA double-strand breaks, mitochondrial calcium, 183
- Cytotoxicity, nitrosamines, *N*-nitroso-*N*-methylaniline, cytochrome 450IIE1, hepatocyte, 221
- 2,4-Diaminotoluene, 2,4-dinitrotoluene, DNA adducts, ³²P-postlabelling, 121
- 2,4-Dinitrotoluene, 2,4-diaminotoluene, DNA adducts, ³²P-postlabelling, 121
- DNA adducts, 2,4-diaminotoluene, 2,4-dinitrotoluene, ³²P-postlabelling, 121
- DNA binding, flavonoids, benzo[a]pyrene, aryl hydrocarbon hydroxylase, epoxide hydrolase, rat, 65
- DNA binding, rats, benzo[a]pyrene, indole-3-carbinol, 235
- DNA double-strand breaks, glutathione depletion, mitochondrial calcium, cytotoxicity, 183
- Drosophila melanogaster*, pyrrolizidine alkaloids, structure/activity relationship, mutagenicity testing, somatic mutation and recombination, 1
- Enzyme induction, 4S carcinogen binding protein, *Ah* receptor, benzo[e] pyrene, 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, cytochromes *P*-450, 203
- Epoxide hydrolase, flavonoids, benzo[a]pyrene, DNA binding, aryl hydrocarbon hydroxylase, rat, 65
- Erythrocytes, *N,N*-dimethyl-*p*-phenylenediamine, free radicals, quinonediimines, hemoglobin, glutathione, kinetics, thioethers, 271

- Ethanol, xanthine oxidase, xanthine dehydrogenase, hypoxia, hepatocytes, 73
- Ethylene oxide, 2-hydroxyethyl DNA adducts, hydrolytic deamination, 35
- Flavonoids, benzo[a]pyrene, DNA binding, aryl hydrocarbon hydroxylase, epoxide hydrolase, rat, 65
- Fluorescence, antitumor antibiotic, chromomycin A₃, magnesium ion, stoichiometry, circular dichroism, kinetics, 23
- Free radicals, *N,N*-dimethyl-*p*-phenylenediamine, quinonediimines, hemoglobin, erythrocytes, glutathione, kinetics, thioethers, 271
- Glutathione, *N,N*-dimethyl-*p*-phenylenediamine, free radicals, quinonediimines, hemoglobin, erythrocytes, kinetics, thioethers, 271
- Glutathione depletion, DNA double-strand breaks, mitochondrial calcium, cytotoxicity, 183
- Hemoglobin, *N,N*-dimethyl-*p*-phenylenediamine, free radicals, quinonediimines, erythrocytes, glutathione, kinetics, thioethers, 271
- Hemoglobin adducts, aldehydes, lipid peroxidation, 55
- Hepa-1, aldehyde dehydrogenase, induction, mouse, cell line, hepatoma, 107
- Hepatocyte, nitrosamines, *N*-nitroso-*N*-methylaniline, cytochrome 450IIE1, cytotoxicity, 221
- Hepatocytes, xanthine oxidase, xanthine dehydrogenase, hypoxia, ethanol, 73
- Hepatoma, aldehyde dehydrogenase, induction, mouse, Hepa-1, cell line, 107
- Hydrolytic deamination, ethylene oxide, 2-hydroxyethyl DNA adducts, 35
- 2-Hydroxyethyl DNA adducts, ethylene oxide, hydrolytic deamination, 35
- Hypoxia, xanthine oxidase, xanthine dehydrogenase, ethanol, hepatocytes, 73
- Indole-3-carbinol, P450, anti-carcinogenesis, steroid hydroxylase, 155
- Indole-3-carbinol, rats, benzo[a]pyrene, DNA binding, 235
- Induction, aldehyde dehydrogenase, mouse, Hepa-1, cell line, hepatoma, 107
- Induction, metallothionein, cadmium, spheroids, tumor microenvironment, 171
- Irradiated nifedipine, nifedipine, nitroso aromatics, nitroxide radical, superoxide formation, 97
- Kinetics, antitumor antibiotic, chromomycin A₃, magnesium ion, stoichiometry, circular dichroism, fluorescence, 23
- Kinetics, *N,N*-dimethyl-*p*-phenylenediamine, free radicals, quinonediimines, hemoglobin, erythrocytes, glutathione, thioethers, 271
- Lipid peroxidation, aldehydes, hemoglobin adducts, 55
- Lipid peroxidation, stobadine, antioxidant, α -tocopherol, 85
- Magnesium ion, antitumor antibiotic, chromomycin A₃, stoichiometry, circular dichroism, fluorescence, kinetics, 23
- Metabolism, trichloroethylene, Clara cell, mouse lung, 135
- Metallothionein, cadmium, spheroids, induction, tumor microenvironment, 171
- Mitochondrial calcium, glutathione depletion, DNA double-strand breaks, cytotoxicity, 183
- Mouse, aldehyde dehydrogenase, induction, Hepa-1, cell line, hepatoma, 107
- Mouse lung, trichloroethylene, Clara cell, metabolism, 135
- Mutagenicity testing, pyrrolizidine alkaloids, structure/activity relationship, *Drosophila melanogaster*, somatic mutation and recombination, 1
- N,N*-dimethyl-*p*-phenylenediamine, free radicals, quinonediimines, hemoglobin, erythrocytes, glutathione, kinetics, thioethers, 271
- N*-nitroso-*N*-methylaniline, nitrosamines, cytochrome 450IIE1, hepatocyte, cytotoxicity, 221
- Nifedipine, irradiated nifedipine, nitroso aromatics, nitroxide radical, superoxide formation, 97
- Nitrosamines, *N*-nitroso-*N*-methylaniline, cytochrome 450IIE1, hepatocyte, cytotoxicity, 221
- Nitroso aromatics, nifedipine, irradiated nifedipine, nitroxide radical, superoxide formation, 97
- Nitroxide radical, nifedipine, irradiated nifedipine, nitroso aromatics, superoxide formation, 97
- Oxidase activity, cytochrome P450, 2,3,5,6-tetramethylbenzoquinone, reductase activ-

- ity, quinone reduction, oxygen reduction, 249
- Oxygen reduction, cytochrome P450, 2,3,5,6-tetramethylbenzoquinone, reductase activity, oxidase activity, quinone reduction, 249
- P450, indole-3-carbinol, anti-carcinogenesis, steroid hydroxylase, 155
- ³²P-postlabelling, 2,4-diaminotoluene, 2,4-dinitrotoluene, DNA adducts, 121
- Pyrrolizidine alkaloids, structure/activity relationship, mutagenicity testing, *Drosophila melanogaster*, somatic mutation and recombination, 1
- Quinone reduction, cytochrome P450, 2,3,5,6-tetramethylbenzoquinone, reductase activity, oxidase activity, oxygen reduction, 249
- Quinonediimines, *N,N*-dimethyl-*p*-phenylenediamine, free radicals, hemoglobin, erythrocytes, glutathione, kinetics, thioethers, 271
- Rat, flavonoids, benzo[*a*]pyrene, DNA binding, aryl hydrocarbon hydroxylase, epoxide hydrolase, 65
- Rats, benzo[*a*]pyrene, indole-3-carbinol, DNA binding, 235
- Reductase activity, cytochrome P450, 2,3,5,6-tetramethylbenzoquinone, oxidase activity, quinone reduction, oxygen reduction, 249
- 4S carcinogen binding protein, *Ah* receptor, enzyme induction, benzo[*e*] pyrene, 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, cytochromes *P*-450, 203
- Somatic mutation and recombination, pyrrolizidine alkaloids, structure/activity relationship, mutagenicity testing, *Drosophila melanogaster*, 1
- Spheroids, metallothionein, cadmium, induction, tumor microenvironment, 171
- Steroid hydroxylase, indole-3-carbinol, P450, anti-carcinogenesis, 155
- Stobadine, antioxidant, lipid peroxidation, α -tocopherol, 85
- Stoichiometry, antitumor antibiotic, chromomycin *A*₈, magnesium ion, circular dichroism, fluorescence, kinetics, 23
- Structure/activity relationship, pyrrolizidine alkaloids, mutagenicity testing, *Drosophila melanogaster*, somatic mutation and recombination, 1
- Superoxide formation, nifedipine, irradiated nifedipine, nitroso aromatics, nitroxide radical, 97
- 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin, 4S carcinogen binding protein, *Ah* receptor, enzyme induction, benzo[*e*] pyrene, cytochromes *P*-450, 203
- 2,3,5,6-Tetramethylbenzoquinone, cytochrome P450, reductase activity, oxidase activity, quinone reduction, oxygen reduction, 249
- Thioethers, *N,N*-dimethyl-*p*-phenylenediamine, free radicals, quinonediimines, hemoglobin, erythrocytes, glutathione, kinetics, 271
- α -Tocopherol, stobadine, antioxidant, lipid peroxidation, 85
- Trichloroethylene, Clara cell, metabolism, mouse lung, 135
- Tumor microenvironment, metallothionein, cadmium, spheroids, Induction, 171
- Xanthine dehydrogenase, xanthine oxidase, hypoxia, ethanol, hepatocytes, 73
- Xanthine oxidase, xanthine dehydrogenase, hypoxia, ethanol, hepatocytes, 73

CHEMICO-BIOLOGICAL INTERACTIONS

AUTHOR INDEX

VOLUME 83

Abbondanza, A.	73	Lüthy, J.	1
Aich, P.	23		
Babish, J.G.	203	Mak, I.T.	97
Baldwin, W.S.	155	Mistk, V.	97
Battelli, M.G.	73	Mulcahy, R.T.	171
Bittner, D.	183		
Bjeldanes, L.F.	235	Neve, E.P.A.	249
Brauchli, J.	1	Odum, J.	135
Briviba, K.	85	O'Brien, P.J.	221
Dasgupta, D.	23	Park, J-Y.	235
Dekant, W.	183		
		Quan, Z.	221
Eyer, P.	271		
		Schlatter, C.	1
Foster, J.R.	135	Segal, A.	35
Frei, H.	1	Sen, R.	23
Froines, J.R.	121	Sies, H.	85
		Siess, M-H.	65
Gibbons, J.A.	203	Solomon, J.J.	35
Glück, S.	183	Stirpe, F.	73
Goeptar, A.R.	249	Störle, C.	271
Green, T.	135	Suschetet, M.	65
Horakova, L.	85	Te Koppele, J.M.	249
		Törrönen, R.	107
Kautiainen, A.	55		
Kärenlampi, S.O.	107	Untawale, S.	171
Khan, S.	221		
Koob, M.	183	Vamvakas, S.	183
Korkalainen, M.	107	Vermeulen, N.P.E.	249
La, D.K.	121	Weglicki, W.B.	97
Le Bon, A-M.	65	Würgler, F.E.	1
LeBlanc, G.A.	155		
Li, F.	35	Zweifel, U.	1

